IN THE CLAIMS

Please amend the claims as follows:

Please cancel Claim 1.

2. (original) A self-test system for randomly adjusting the time period in which data windows are present in a data signal, comprising:

a time adjust system introducing time changes in a data window during which the signal may be sensed; and

an activator enables on a random time basis the time adjust system to introduce time delays in the data window.

3. (original) The self-test system of Claim 2, wherein the time adjust system introduces a time delay in the opening of the time window.

4. (original) The self-test system of Claim 2, wherein the time adjust system introduces an advance in the closing of the time window.

5. (original) The self-test system of Claim 2, wherein the activator includes a random digital number generator.

6. (original) The self-test system of Claim 5, wherein the random digital number generator comprises a linear feedback shift register.

7. (original) The self-test system of Claim 5, wherein the activator includes a decoder for detecting presence of a defined sequence of digital code in the random digital number output of the random digital number generator.

8. (original) The self-test system of Claim 2, wherein the activator includes a random digital number generator; and a decoder for detecting presence of a defined sequence of digital code in the random digital number output of the random digital number generator.

Please cancel Claim 9.

10. (currently amended) A ~~The~~ data communication system ~~wherein the~~ having a self-test system, said data communication system comprising ~~comprises~~:

a time adjust system introducing time changes in a data window during which the signal may be sensed; and

an activator for periodically activating on a random basis the time adjust system to introduce time delays in the data window.

11. (original) The data communication system of Claim 10, wherein the time adjust system introduces a time delay in the opening of the time window.

12. (original) The data communication system of Claim 10, wherein the time adjust system introduces an advance in the closing of the time window.

13. (original) The data communication system of Claim 10, wherein the activator includes a random digital number generator.

14. (original) The data communication system of Claim 13, wherein the random digital number generator comprises a linear feedback shift register.

15. (original) The data communication system of Claim 14, wherein the activator includes a decoder for detecting presence of a defined sequence of digital code in the random digital number output of the random digital number generator.

16. (original) The data communication system of Claim 10, wherein the activator includes:

a random digital number generator; and

a decoder for detecting presence of a defined sequence of digital code in the random digital number output of the random digital number generator.